**Projects undertaken by NTPC**

413 SHRIMATI T. RATNA BAI: Will the Minister of POWER be pleased to state:

(a) whether Government has undertaken any projects through the National Thermal Power Corporation;

(b) if so, the details thereof, State-wise particularly in Andhra Pradesh; and

(c) the output of each unit in Andhra Pradesh and the utilization for each purpose?

THE MINISTER OF STATE IN THE MINISTRY OF POWER ( SHRI BHARATSINH SOLANKI) : (a) and (b) NTPC, a Government of India enterprise has an installed capacity of 30,644 MW (as on 31.10.2009). State-wise details of stations under operation is given in the Statement-I *(See* below). As today, NTPC is implementing 18 projects which are under construction. Details of projects under implementation are given in the Statement-II *(See* below) Details of NTPCus operation stations and plants under construction in Andhra Pradesh as under:

*NTPCus Operating Stations / Projects in Andhra Pradesh*

| Sl. No.. | Station / Project | Capacity (MW) | Remarks |
|---|---|---|---|
| **Stations** | | | |
| 1. | Ramagundam Stage-I (3x200 MW) | 600 | |
| 2. | Ramagundam Stage-II (3x500 MW) | 1500 | Completed & under operation |
| 3. | Ramagundam Stage-III (1x500 MW) | 500 | |
| 4. | Simhadri Stage-I (2x500 MW) | 1000 | |
| **Projects** | | | |
| 1. | Simhadri Stage-II (2x500 MW) | 1000 | Under construction |

(c) The Generation and Plant Load factor (PLF) of NTPC's stations in Andhra Pradesh and allocation to different sttes from these station are as under :

**April-October** 2009

| Project | Capacity(MW) | Generation (MU) | PLF(%) |
|---|---|---|---|
| Ramagundam U# I to 7 | 2600 | 12073 | 90.41 |
| Simhadri St-I U# I-2 | 1000 | 4778 | 93.02 |

**Allocation of Power to States**

| Project | Capacity (MW) | Allocation (in MW) |
|---|---|---|
| Ramagundam U # 1 to 7 | 2600 | Andhra Pradesh- 914<br>Karnataka-515<br>Tamil NADU-664<br>Kerala-306<br>Puduchery-99<br>Goa-100<br>PGCIL-2 |
| Simhadri St-I U # 1 to 2 | 1000 | Andhra Pradesh -1000 |

***Statement-I***

*State-wise details of Stations under operation*

(Figures in MW)

| Sl. No. | Project | State | Capacity as on 31.10.2009 |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| **I. Coal Based Power Projects** | | | |
| 1 | Ramagundam I, II & III | AP | 2600 |
| 2 | Simhadri-I | AP | 1000 |
| 3 | Kahalgaon-I & II (Ph.I & II) | Bihar | 2340 |
| 4 | Korba I & II | Chhattisgarh | 2100 |
| 5 | Sipat-II | Chhattisgarh | 1000 |
| 6 | Badarpur | Delhi | 705 |
| 7 | Vindhyachal-I, II & III | MP | 3260 |
| 8 | Talcher I & II | Orissa | 3000 |
| 9 | Talcher TPS | Orissa | 460 |
| 10 | Singrauli I & II | UP | 2000 |
| 11 | Rihand-I & II | UP | 2000 |
| 12 | NCTPP-I, Dadri | UP | 840 |
| 13 | Unchahar-I, II & III | UP | 1050 |
| 14 | Tanda TPS | UP | 440 |
| I5 | Farakka-I & II | WB | 1600 |
| | Total (Coal) | | 24395 |
| **II. Combined Cycle Power Projects (Gas/Liquid Fuel)** | | | |
| 1 | Jhanor-Gandhar -I | Gujarat | 648 |
| 2 | Kawas- 1 | Gujarat | 645 |
| 3 | Faridabad | Haryana | 430 |
| 4 | RGCCPP-I, Kayamkulam | Kerala | 350 |
| 5 | Anta | Rajasthan | 413 |
| 6 | Auraiya | UP | 652 |
| 7 | Dadri | UP | 817 |
| | Total (Gas) | | 3955 |

| 1 | 2 | 3 | 4 |
|---|---|---|---|
| **III.** | **Joint Venture Projects** | | |
| 1 | Bhilai | Chhattisgarh | 574 |
| 2 | Ratnagiri | Maharashtra | 1480 |
| 3 | Rourkela | Orissa | 120 |
| 4 | Durgapur | West Bengal | 120 |
| | Total (JV) | | 2294 |
| | Grand TOTAL | | 30644 |

***Statement-II***

*Projects UNDER Implementation*

| Sl.No | Name of the Project | State | Fuel Type | Capacity (MW) |
|---|---|---|---|---|
| **On-Going Projects** | | | | |
| i | Simhadri-II | Andhra Pradesh | Coal | 1000 |
| 2 | Bongaigaon | Assam | Coal | 750 |
| 3 | Barh-i | Bihar | Coal | 1980 |
| 4 | Barh-II | Bihar | Coal | 1320 |
| 5 | Nabinagar - JV with Railways | Bihar | Coal | 1000 |
| 6 | Sipat-I | Chhattisgarh | Coal | 1980 |
| 7 | Korba-III | Chhattisgarh | Coal | 500 |
| 8 | Indira Gandhi STPP, Jhajjar - JV with HPGCL & IPGCL | Haryana | Coal | 1500 |
| 9 | Koldam | Himachal Pradesh | Hydro | 800 |
| 10 | Vindhyachal-IV | Madhya Pradesh | Coal | 1000 |
| 11 | Mouda-I | Maharashtra | Coal | 1000 |
| 12 | Vallur Stage-I, Ph-1 - JV with TNEB | Tamil Nadu | Coal | 1000 |
| 13 | Vallur Stage-I, Ph-II JV with TNEB | Tamil Nadu | Coal | 500 |
| 14 | Loharinag Pala | Uttarakhand | Hydro | 600 |
| 15 | Tapovan Vishnugad | Uttarakhand | Hydro | 520 |
| 16 | NCTPP-II | Uttar Pradesh | Coal | 980 |
| 17 | Rihand-III | Uttar Pradesh | Coal | 1000 |
| 18 | Farakka-III | West Bengal | Coal | 500 |
| | Total: | | | 17930 |